

10/501,258

=> file caplus

FILE 'CAPLUS' ENTERED AT 11:34:06 ON 05 DEC 2005

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FILE COVERS 1907 - 5 Dec 2005 VOL 143 ISS 24

FILE LAST UPDATED: 4 Dec 2005 (20051204/ED)

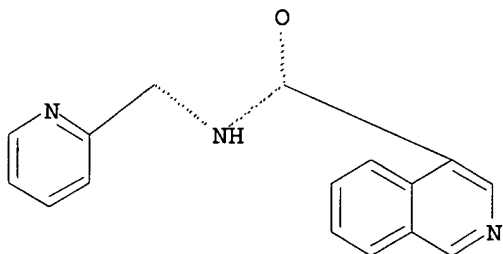
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=> d que

L1

STR



Structure attributes must be viewed using STN Express query preparation.

L3 3 SEA FILE=REGISTRY SSS FUL L1

L4 1 SEA FILE=CAPLUS L3

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L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:777779 CAPLUS

DOCUMENT NUMBER: 139:276828

TITLE: Preparation of bicyclic fused pyridinyl amides and advantageous compositions thereof for use as fungicides

INVENTOR(S): Bisaha, John Joseph; Hay, James Volney; Foor, Stephen Ray; Walker, Michael Paul; Clark, David Alan

PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA; Walker, Susannah L. HF

SOURCE: PCT Int. Appl., 45 pp.

CODEN: PIXXD2

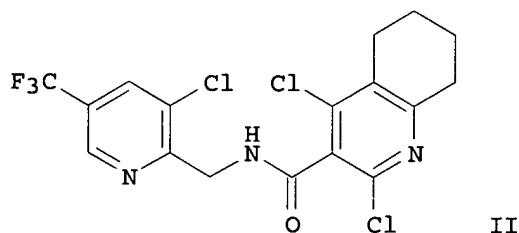
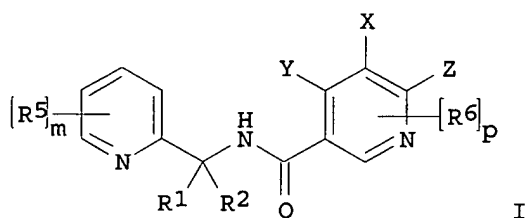
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003080596	A2	20031002	WO 2003-US5383	20030220
WO 2003080596	A3	20040401		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1485372	A2	20041215	EP 2003-745079	20030220
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003008458	A	20050118	BR 2003-8458	20030220
JP 2005526100	T2	20050902	JP 2003-578350	20030220
US 2005020644	A1	20050127	US 2004-501258	20040709
ZA 2004005643	A	20050715	ZA 2004-5643	20040715
PRIORITY APPLN. INFO.:			US 2002-365767P	P 20020319
			WO 2003-US5383	W 20030220
OTHER SOURCE(S): MARPAT 139:276828				
GI				



AB The title compds. [I; X and either Y or Z are a linking chain 3 or 4 atoms in length attached to contiguous carbon atoms and are taken together with said carbon atoms to form a fused Ph ring, a fused 5-6 membered nonarom. carbocyclic or heterocyclic ring optionally including one or two ring members selected from the group consisting of CO, SO or SO₂, or a fused 5-6 membered heteroarom. ring, each fused ring optionally substituted with 1-3 substituents independently selected from R₇; R₁, R₂, R₅-R₇ = alkyl, alkenyl, cycloalkyl, etc.], useful for controlling plant diseases caused by fungal plant pathogens, were prepared E.g., a 5-step synthesis of II (starting from Et 2-amino-1-cyclohexene-1-carboxylate and di-Et malonate) which showed 100% disease control in tests against *Plasmopara viticola* and *Phytophthora infestans*, was given. Agrochem. composition comprising the compound

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I was claimed.

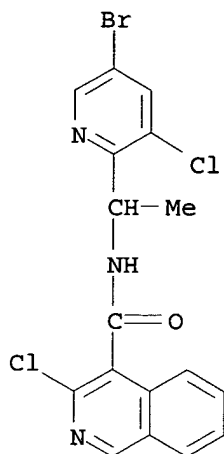
IT 606971-61-3P 606971-63-5P 606971-65-7P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of bicyclic fused pyridinyl amides as agrochem. fungicides)

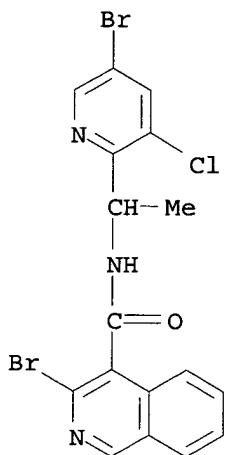
RN 606971-61-3 CAPLUS

CN 4-Isoquinolinecarboxamide, N-[1-(5-bromo-3-chloro-2-pyridinyl)ethyl]-3-chloro- (9CI) (CA INDEX NAME)



RN 606971-63-5 CAPLUS

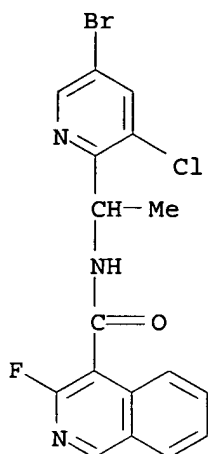
CN 4-Isoquinolinecarboxamide, 3-bromo-N-[1-(5-bromo-3-chloro-2-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)



RN 606971-65-7 CAPLUS

CN 4-Isoquinolinecarboxamide, N-[1-(5-bromo-3-chloro-2-pyridinyl)ethyl]-3-fluoro- (9CI) (CA INDEX NAME)

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=> => file uspatall

FILE 'USPATFULL' ENTERED AT 11:34:44 ON 05 DEC 2005

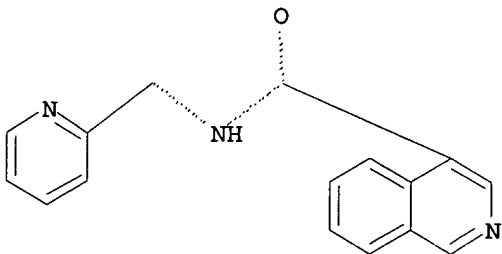
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CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

=> d que

L1 STR



Structure attributes must be viewed using STN Express query preparation.

L3 3 SEA FILE=REGISTRY SSS FUL L1

L5 1 SEA L3

=> d l5 ibib abs hitstr

L5 ANSWER 1 OF 1 USPATFULL on STN

ACCESSION NUMBER: 2005:24095 USPATFULL

TITLE: Bicyclic fused pyridinyl amides and advantageous compositions thereof for use as fungicides

INVENTOR(S): Bisaha, John Joseph, Hockessin, GERMANY, FEDERAL REPUBLIC OF
Hay, James Volney, Newark, GERMANY, FEDERAL REPUBLIC OF
Foor, Stephen Ray, Hockessin, GERMANY, FEDERAL REPUBLIC OF
Walker, Michael Paul, Landenberg, PA, UNITED STATES
Clark, David Alan, Landenberg, PA, UNITED STATES

NUMBER KIND DATE

10/501,258

PATENT INFORMATION:	US 2005020644	A1	20050127	
APPLICATION INFO.:	US 2004-501258	A1	20040709	(10)
	WO 2003-US5383		20030220	

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-365767P	20020319 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	E I Du Pont de Nemours and Company, Legal-Patents, 4417 Lancaster Pike, Wilmington, DE, 19898	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1920	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds of Formula I, including all geometric and stereoisomers, N-oxides, and agriculturally suitable salts thereof: (Formula I); wherein X and either Y or Z are a linking chain 3 or 4 atoms in length attached to contiguous carbon atoms and are taken together with said carbon atoms to form a fused phenyl ring, a fused 5- or 6-membered nonaromatic carbocyclic or heterocyclic ring optionally including one or two ring members selected from the group consisting of C(.dbd.O), SO or S(O).sub.2, or a fused 5- or 6-membered heteroaromatic ring, each fused ring optionally substituted with one to three substituents independently selected from R.sup.7; and R.sup.1, R.sup.2, R.sup.5, R.sup.6R.sup.7, m and p are as defined in the disclosure. Also disclosed are compositions containing the compounds of Formula I and a method for controlling plant diseases caused by fungal plant pathogens that involves applying an effective amount of a compound of Formula I. ##STR1##

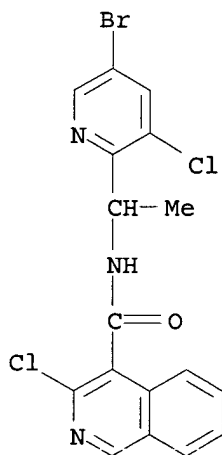
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 606971-61-3P 606971-63-5P 606971-65-7P

(preparation of bicyclic fused pyridinyl amides as agrochem. fungicides)

RN 606971-61-3 USPATFULL

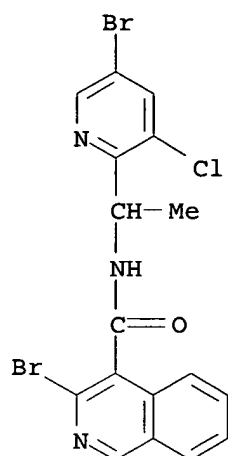
CN 4-Isoquinolinecarboxamide, N-[1-(5-bromo-3-chloro-2-pyridinyl)ethyl]-3-chloro- (9CI) (CA INDEX NAME)



RN 606971-63-5 USPATFULL

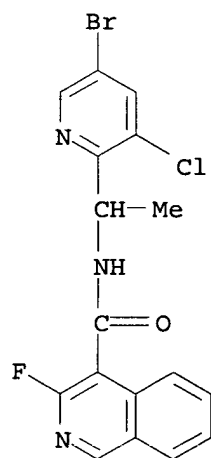
CN 4-Isoquinolinecarboxamide, 3-bromo-N-[1-(5-bromo-3-chloro-2-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

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RN 606971-65-7 USPATFULL

CN 4-Isoquinolinecarboxamide, N-[1-(5-bromo-3-chloro-2-pyridinyl)ethyl]-3-fluoro- (9CI) (CA INDEX NAME)



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